



ECMINT

European Course of
Minimally Invasive Neurological Therapy

Final Programme

ECMINT 3.1: Neurovascular disease of the skull base **Monday 10th December to Friday 14th December 2018** **St Anne's College, Oxford**

Course Director and Organisers: Dr S Renowden and Prof P White
Course Administrator/Co-ordinator: Ms Tarryn Ching

Monday, December 10, 2018

12.00	Registration opens	
12.15 – 13.00	Lunch	
13.00 – 13.20	Introduction to program and outline of course structure	Dr S Renowden
13.20 – 13.40	Obtaining the patient's informed consent	Pr P White
13.40 – 14.15	Embolic agents relevant to Interventional Neuroradiology	Pr I Szikora
14.15 – 14.45	Role and relevance of a skull base MDT	Mr R Nelson
14.45 – 15.15	Check in / Tea / Coffee	
15.15 – 16.30	Tutorial 1 (see list below)	CC/IS/NH/EH/SL
16.30 – 17.45	Tutorial 2 (see list below)	CC/IS/NH/EH/SL
17.45 – 18.15	Antiplatelet drugs used in EVT	Dr M Desborough
19.00	Dinner St Anne's College	



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Tuesday, December 11, 2018

08.30 – 09.15	Classification, natural history and pathophysiology of cerebral dural AVFs	Pr C Cognard
09.15 – 09.55	Transarterial embolization of cerebral DAVF	Pr E Houdart
09.55 – 10.30	Transvenous embolization of cerebral DAVFs	Pr C Cognard
10.30 – 10.45	Tea / Coffee	
10.45 – 12.00	Tutorial 3 (see list below)	CC/IS/NH/EH/SL
12.00 – 13.15	Tutorial 4 (see list below)	CC/IS/NH/EH/SL
13.15 – 14.00	Lunch	
14.00 – 15.15	Tutorial 5 (see list below)	CC/IS/NH/EH/SL
15.15 – 15.30	Tea / Coffee	
15.30 – 16.00	Trans-arterial tumour embolization techniques	Pr I Szikora
16.00 – 16.30	Treatment of cerebral venous sinus thrombosis	Dr N Higgins
16.30 – 18.00	Formative Quiz 1	Dr S Renowden
19.00	Dinner St Anne's College	



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Wednesday, December 12, 2018

08.30 – 09.15	Pathophysiology and imaging of CNS tumours suitable for embolization	Dr G Quaghebeur
09.15 – 10.00	Pathophysiology, imaging of cerebral venous thrombosis	Pr T Andersson
10.00 – 10.30	Brain arterial blood supply 1	Dr R Lenthall
10.30 – 10.45	Tea / Coffee	
10.45 – 11.15	Intrinsic and extrinsic clotting cascades	Dr D Khan
11.15 – 12.00	Embryology of the cerebral circulation 1	Pr J Bhattacharya
12.00 – 12.45	Emergency embolisation for bleeding in the head and neck	Pr E Houdart
12.45 – 13.45	Lunch	
13.45 – 15.00	Tutorial 6 (see list below)	MC/PW/AR/ZK/TA&MG
15.00 – 15.45	Craniofacial tumour embolization	Dr Z Kulcsar
15.45 – 16.00	Tea / Coffee	
16.00 – 16.45	Management of complications in tumour embolisation	Pr M Cellerini
16.45 – 18.00	Tutorial 7(see list below)	MC/PW/AR/ZK/TA&MG
19.00	Dinner Balliol College	



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Thursday December 13, 2018

08.30 – 09.00	Brain arterial blood supply 2	Dr R Lenthall
09.00 – 09.45	Dangerous EC-IC/VA anastomoses	Pr J Bhattacharya
09.45 – 10.30	Arterial puncture methodology and closure devices	Dr A Rennie
10.30 – 10.45	Tea / Coffee	
10.45 – 11.15	Spinal column tumour embolization	Dr R Lenthall
11.15 – 12.30	Tutorial 8 (see list below)	MC/PW/AR/ZK/TA&MG
12.30 – 13.15	Lunch	
13.15 – 14.30	Tutorial 9 (see list below)	MC/PW/AR/ZK/TA&MG
14.30 - 15.15	Radiotherapy for skull base tumours and DAVF	Pr J Rowe
15.15 – 15.30	Tea / Coffee	
15.30 – 16.45	Tutorial 10 (see list below)	MC/PW/AR/ZK/TA&MG
16.45 - 17.15	Embryology 2	Pr J Bhattacharya
17.15 - 18.45	Formative quiz 2	Dr S Renowden
19.00	Dinner St Anne's College	



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Friday, December 14, 2018

Check out

08.30 – 09.00	Definition of coma and LOC	Dr M Rowland
09.00 – 09.30	Control of cerebral blood flow and perfusion	Dr S Payne
09.45 – 10.00	Tea / Coffee / Check-out	
10.15 – 11.45	End of course quiz	
11.45 – 13.15	Quiz answers	Dr S Renowden
13.15	Course ends	

Tutorials

Group 1 [tutorials 1-5]

Techniques for tumour embolisation including percutaneous puncture	Pr I Szikora (IS)
Treatment of cavernous sinus DAVFs and CCFs	Pr C Cognard (CC)
Technique and practical tips on venous stenting: when and how	Dr N Higgins (NH)
Pulsatile tinnitus	Pr E Houdart (EH)
Arterial anatomy relevant to skull base disease	Dr S Lamin (SL)

Group 2 [tutorials 6-10]

Trial balloon occlusion – methods for evaluating parent vessel sacrifice	Pr P White (PW)
Applied spinal angiographic anatomy/endovascular treatment of spinal dural fistulas	Pr M Cellerini (MC)
INR treatment of spinal column tumours	Dr A Rennie (AR)
Treatments for Cranial DAVFs (excluding Cavernous sinus)	Dr Z Kulcsar (ZK)
Investigation and management of epistaxis	Pr T Andersson (TA&MG)

This course will provide 34 credits in accordance with the CPD Scheme of the Royal College of Radiologists. The European Course in Minimally Invasive Neurological Therapy (ECMINT) 3.1, Oxford, United Kingdom, 10/12/2018-14/12/2018 has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with 28 European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit that he/she actually spent in the educational activity.